

**IN THE CLAIMS**

The text of all pending claims is set forth below. Cancelled and withdrawn claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented) or (not entered).

Please **AMEND** claims 1-17 as follows.

1. (CURRENTLY AMENDED) A ~~component~~document managing control system comprising:  
     a ~~component~~document information storage server which stores a ~~component~~document information with respect to a wholeness of a hardware and a firmware to compose a product;  
     a rule information storage server which stores a rule information ~~upon~~on registering said ~~component~~document information in said ~~component~~document information storage server; and  
     a registration client, which is connected to said ~~component~~document information storage server and said rule information storage server via a network, which registers said ~~component~~document information in said ~~component~~document information storage server on the basis of said rule information, which is derived from said rule information storage server.

2. (CURRENTLY AMENDED) A ~~component~~The document managing control system according to claim 1, wherein said ~~plural component~~a plurality of document information storage servers are provided and plural and various ~~component~~document information ~~is~~are distributed and stored in said ~~plural component~~the plurality of document information storage servers, respectively.

3. (CURRENTLY AMENDED) A ~~component~~The document managing control system according to claim 1, further comprising a meta information storage server, which is connected to said network, which stores a meta information having a layered construction of at least ~~component~~document information; wherein said registration client registers said meta information in said meta information storage server and ~~registers~~identifies said ~~component~~document information in accordance to the meta information to register the document information in said ~~component~~document information storage server based upon the rule

information.

4. (CURRENTLY AMENDED) ~~A component~~The document managing control system according to claim 1, said registration client registers said ~~component~~document information, which is described by an XML.

5. (CURRENTLY AMENDED) ~~A component~~The document managing control system according to claim 1, further comprising a rule verification means for~~verifier~~ verifying a deliberation result of a written rule, which is a source of said rule information, and registering a rule information in response to the verification result in said rule information storage server.

6. (CURRENTLY AMENDED) ~~A component~~The document managing control system according to claim 1, further comprising an agent means for~~deducing~~ said rule information.

7. (CURRENTLY AMENDED) ~~A component~~The document managing control system according to claim 6, wherein said agent ~~means evaluates the~~a deduction result as an evaluation value of said rule by a 0/1 detection.

8. (CURRENTLY AMENDED) ~~A component~~The document managing control system according to claim 6, wherein said agent ~~means evaluates the~~a deduction result as an evaluation value of said rule information by a fuzzy detection from 0 to 1.

9. (CURRENTLY AMENDED) ~~A component~~The document managing control system according to claim 8, further comprising replacing means for~~a replacer~~ repeatedly replacing a document type definition (DTD)~~DTD~~ information of said ~~component~~document information, which is described by ~~the~~an XML, by using a predetermined method so that the evaluation value in said agent ~~means~~ becomes maximum or minimum, when the evaluation value does not satisfy a target value.

10. (CURRENTLY AMENDED) ~~A component~~document managing control system comprising:

a ~~component~~document information storage server which stores a ~~component~~document information with respect to a wholeness of a hardware and a firmware to compose a product;

a rule information storage server which stores a rule information ~~upon on~~ making reference to/receiving said ~~component~~document information from said ~~component~~document information storage server; and

a reference/receipt client, which is connected to said ~~component~~document information storage server and said rule information storage server via a network, which makes reference to/receiving said ~~component~~document information from said ~~component~~document information storage server on the basis of said rule information, which is derived from said rule information storage server.

11. (CURRENTLY AMENDED) ~~A component~~The document managing control system according to claim 10, further comprising a rule verification means for a verifier verifying a deliberation result of a written rule, which is a source of said rule information, and registering a rule information in response to the verification result in said rule information storage server.

12. (CURRENTLY AMENDED) ~~A component~~The document managing control system according to claim 10, further comprising agent means for an agent deducing said rule information.

13. (CURRENTLY AMENDED) ~~A component~~document managing control system according to claim 12, wherein said agent ~~means evaluates the~~a deduction result as an evaluation value of said rule information by a 0/1 detection.

14. (CURRENTLY AMENDED) ~~A component~~document managing control system according to claim 12, wherein said agent ~~means evaluates the~~a deduction result as an evaluation value of said rule information by a fuzzy detection from 0 to 1.

15. (CURRENTLY AMENDED) ~~A component~~The document managing control system according to claim 14, further comprising a replacer~~replacing means for~~ repeatedly replacing a document type definition (DTD) ~~DTD~~ information of said ~~component~~document information, which is described by ~~the~~an XML, by using a predetermined method so that the evaluation value in said agent ~~means~~ becomes maximum or minimum, when the evaluation value does not satisfy a target value.

16. (CURRENTLY AMENDED) A computer readable recording medium ~~for~~

~~recording a component storing a document~~ managing control program applicable to ~~controlling a~~ registration client, which is connected via a network to ~~said component a document~~ information storage server ~~for a storing a component document~~ information with respect to a wholeness of hardware and a firmware to compose a product and ~~said to a~~ rule information storage server ~~for storing a rule information upon registering said component information in said component information storage server via said network; wherein said computer readable recording medium~~ registration rules, according to a process comprising:

~~records said component managing control program to make the computer execute registration step for registering said component document~~ information in said ~~component document~~ information storage server ~~on the basis of said based upon the registration rules rule information, which is derived from said rule information storage server.~~

A1 17. (CURRENTLY AMENDED) A computer readable recording medium for ~~recording a component storing a document~~ managing control program applicable to ~~controlling a~~ reference/receiving client, which is connected via a network to ~~said component a document~~ information storage server ~~for a storing a component document~~ information with respect to a wholeness of a hardware and a firmware to compose a product and ~~said to a~~ rule information storage server ~~for storing a rule information upon making reference to/receiving said component information in said component information storage server via said network; wherein said computer readable recording medium records said component~~ registration rules, according to a process comprising:

~~managing control program to make the computer execute reference/receiving step for making reference to/receiving~~ referencing/receiving of said ~~component document~~ information in said ~~component document~~ information storage server ~~on the basis of said rule information, which is derived~~ based upon the registration rules from said rule information storage server.